



Adoption Rates of Sustainable Agricultural Practices by Tea Farmers in Eastern Uganda: A Four-Year Mixed-Methods Study Analysis

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Abstract

Sustainable agricultural practices are crucial for ensuring food security in Eastern Uganda, where tea farming is a significant economic activity. A mixed-methods study combining surveys with qualitative interviews to gather data from 150 tea farmers in Eastern Uganda, spanning four years. Farmers exhibited a moderate increase (20-30%) in the adoption of sustainable practices such as intercropping and soil conservation measures over the study period. The findings suggest that while some progress was made, more support is needed to enhance farmer engagement with these practices. Investment in training programmes and extension services targeting tea farmers can significantly boost adoption rates of sustainable agricultural practices. tea farming, sustainability, mixed methods study, Eastern Uganda

Keywords: *Geographic, Sustainable Agriculture, Mixed-Methods, Qualitative, Quantitative, Community-Based, Participatory Rural Appraisal*

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